ITD Software Development
Budget Guidelines for Toolset Upgrades
2015-2017 Biennium

Development Toolset Upgrades

The ITD Software Development Division supports many software development tools and languages. ITD upgrades to new versions of our tools and languages on a regular basis. This prevents obsolescence of customer applications. Upgrades generally involve re-compiling applications using the newest version of the tool or language, then unit testing the application. The time required to upgrade varies, depending on the tool being upgraded and the severity of the upgrade.

Following is a list of software components that will likely need upgrades in the 2015-2017 biennium. We've provided a budgeting estimate of the average time required to upgrade each tool and language. We ask that customers budget for the anticipated number of upgrades per biennium. Please contact your Software Development team leader to determine which of these technologies you may use.

Software Component	Anticipated Number of Upgrades in 2015-2017 Biennium	Number of Hours per Upgrade
PowerBuilder	1	32 hours per Application
DB2	1	24 hours per Application
Adabas	1	24 hours per Application
Oracle	1	12 hours per Application
SQL Server	1	12 hours per Application
CDC	1	40 hours per Application
WebSphere	1	40 hours per Application
WebSphere ESB/WID	1	80 hours per Application
.Net	1	24 hours per Application
LiquidOffice	1	8 hours per Application
iLINX	1	2 hours per Form
Cobol/MicroFocus Cobol	1	16 hours per Agency per upgrade
Natural	1	16 hours per Agency per upgrade
Drupal	1	40 hours per Web Site
Address Verification Tools (Finalist)	24 2	1 hours per Upgrade – Files 8 hours per Upgrade – Version
CA Gen (DHS only)	1	300 hours per Agency per upgrade

Software Component	Anticipated Number of Upgrades in 2015-2017 Biennium	Number of Hours per Upgrade
Blaze Advisor	1	80 hours per Application
File Net BPM	1	6 hours per Workflow
File Net Content Manager	1	32 hours per Agency
FileNet Record Manager	1	8 hours per Record Plan
FileNet eForms	1	8 hours per eform
FileNet Workplace Customizations	1	8 hours per Customization
FileNet Department Applications	1	12 hours per .net Application
FileNet Department Applications	1	12 hours per Java application
CONNX	1	12 hours per Application
Crystal Reports	1	2 hours per Report
Crystal Reports Enterprise	1	24 hours per Application
Cognos Reports	4	4 hours per Report (fix packs included)
Cognos Transformer	4	4 hours per cube (fix packs included)
DataStage (ETL)	1	16 hours per Application (no apps at this time other than 3rd party)
SSIS (ETL)	4	4 hours per Application (fix packs included)
Informatica	1	16 hours per Application (no apps at this time other than 3rd party)
Master Client Index (Initiate)	1	80 hours per Application
UC4	1	8 hours per Agency
Wappapello	None at this time	
Security Vulnerability Remediation	2	24 hours per Application (Dependent on vulnerabilities)